	ned for use on elite (12-pitch) typewriter.)			+ 3 (45)	14.90 A		Approved.	OMB No.	2050-003
UNIFORM HAZARDOUS	1. Generator ID Number	2. Page 1 of 3.	Ernergency Response		4. Manifest			0 1	Ш
WASTE MANIFEST			See Block 1 perator's Site Address	4 below			081	L J	<u> </u>
5. Generator's Name and Mailir Alaskan Coppo 3200 Sixth Av Generator's Phone: 6. Transporter 1 Company Nam	r Works nue South	Ger	erator's Site Address	(if different th					
561					U.S. EPAID	40	000	770	Z i
7: Transporter 2 Company Nam					U.S. EPAID I	Number			
8. Designated Facility Name an World Resource 8113 West She Tolleson, AZ 85 Facility's Phone:	es Company rman Street				U.S. EPAID N	Number	5500		
(on (including Proper Shipping Name, Hazard Class, ID Num	nber,	10. Contair No.	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. \	Vaste Code	s
X 1. RQ, NA307 (F006), 9, 11	7, Hazardous waste, solid, n.o.s. II		Ø Ø 2	Ĉ.	1629	•	Fac (1666)		
3.									
4.									nterventi vitario di managera
marked and labeled/placan Exporter, I certify that the c	R'S CERTIFICATION: I hereby declare that the contents of ded, and are in all respects in proper condition for transport contents of this consignment conform to the terms of the att mization statement identified in 40 CFR 262.27(a) (if I am a lead Name	t according to applicable ached EPA Acknowledgr	ully and accurately des international and nation ment of Consent. ir) or (b) (if I am a sma	cribed above	ental regulations.	World F	₹esourc	sified, packa	aged, ary
General Sylventry	A Thorpool	Signatur	1//5				Mon	th Day 2 1 052	Year I⊘S
16. International Shipments Transporter signature (for expon	Import to U.S.	Export from U.S.	Port of ent Date leavir			1. (1947) 1. (1947)			34X 3144
17. Transporter Acknowledgment Transporter 1 Printed/Typed Nam		Clanatia							
Transporter 1 Printed/Typed Nan Transporter 2 Printed/Typed Nan	6:110,0	Signatur Signatur					Mont Mont	212	Year Year
18. Discrepancy				N. C.	and the second s				1
18a. Discrepancy Indication Spa	ce Quantity Type		Residue Manifest Reference	Number	Partial Reje	ection		Full Reje	ction
· •			Mannest Reference	Number.					
18b. Alternate Facility (or General	itor)				U.S. EPA ID N	umber			
18b. Alternate Facility (or General Facility's Phone: 18c. Signature of Alternate Facilit	ty (or Generator)				U.S. EPAID N	umber	Mon	th Day	Year
18b. Alternate Facility (or General Facility's Phone: 18c. Signature of Alternate Facility 19. Hazardous Waste Report Ma 1.		treatment, disposal, and	I recycling systems)		U.S. EPAID N	umber	Mon	th Day	Year
Facility's Phone: 18c. Signature of Alternate Facilit 19. Hazardous Waste Report Ma 1.	ty (or Generator)	3.	except as noted in Item	18a	U.S. EPAIDN	umber	Mon		Year Year

WORLD RESOURCES

07: 43AM 12/08/2008

6ROSS. 1503 10

TAKS. 77 16

NET. 1426 16

WORLD RESOURCES.

07: 44AM 12/08/2008

GROSS. 1128 16

TARE. 77 16

NET. 1051 16

Total 2477 16 1. 24 tons

TΙ	uniform Hazardo	1. Generator ID	Number		2. Page 1 of	3. Emergency Re	sponse Phone	4. Manifest	Tracking N	umber	OMB No. 2	2050-0
П	WASTE MANIFEST	t t	980738546			1	ck 14 beli			081	2 1.	IK
	5. Generator's Name and I Alaskan Cor 3200 Sixth A Generator Whome: WA 6. Transporter 1 Company	Mailing Address per Works wenue South 98124		•		Generator's Site A	ddress (if differen	t than mailing addre	ss)			
	7. Transporter 2 Company	Name		·				U.S. EPA ID		CCO	27 O	dire.
	8. Designated Facility Nam World Reson 8113 West 5 Facility Phoseon, AZ	rces Compa herman Sire	iny eet					U.S. EPAID		35500		
	9a, 9b. U.S. DOT Des HM and Packing Grou	cription (including Prop o (if any))	per Shipping Name, He	azard Class, ID Num	nber,	10. No	Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. \	Vaste Codes	
GENERATOR	X RQ, NA3 (F006), 9	077, Hazard), III	ous waste, s	olid, n.o.s.		,	, CF		þ	F008		
ਤੋਂ 					······································							
	3.	igly.										
	4.	•										
	14. Special Handling Instru	ctions and Additional I	Information				EMERG	ENCY CO	NTA	cr		
			e gogi				Use comp	TRAC at: 1 pany name *			es Con	
╟		EROR'S CERTIFICAT	ION: I hereby declare	that the contents o	of this consignment	are fully and accura	tely described ab	ove by the proper sh				204
	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that the waste	EROR'S CERTIFICAT lacarded, and are in al the contents of this co minimization stateme	Il respects in proper co ensignment conform to	endition for transport the terms of the att	t according to appli ached EPA Acknow a large quantity gen	cable international a ledgment of Conse erator) or (b) (if I an	nd national gover nt.	nmental regulations.	pping name	, and are clas ipment and I a	sified, packa im the Prima	ry
-	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that the waste Generator's/Offeror's Printe	EROR'S CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name	Il respects in proper co ensignment conform to	endition for transport the terms of the att	t according to appli ached EPA Acknow a large quantity gen	cable international a ledgment of Conse	nd national gover nt.	nmental regulations.	pping name	, and are clas	sified, packa im the Prima	ry
IN L	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that the waste Generator's/Offeror's Printe 16. International Shipments Transporter signature (for e	eror's CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name Import exports only):	Il respects in proper or insignment conform to int identified in 40 CFR	endition for transport the terms of the att	t according to appli ached EPA Acknow a large quantity gen	cable international a ledgment of Conse erator) or (b) (iff I ar nature	nd national gover nt.	nmental regulations.	pping name	, and are clas ipment and I a	sified, packa im the Prima	ged, ry Ye
IN L	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that the waste Generator's/Offeror's Printe 16. International Shipments Transporter signature (for e 17. Transporter Acknowledg Transporter I Printed/Typed	eror's CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name Import exports only): ment of Receipt of Mar	Il respects in proper or insignment conform to int identified in 40 CFR	endition for transport the terms of the att	t according to appli ached EPA Acknow a large quantity gen Sig	cable international a ledgment of Conse erator) or (b) (iff I ar nature	nd national gover nt. n a small quantity rt of entry/exit: _	nmental regulations.	pping name	, and are clas ipment and I a	sified, packa m the Prima th Day	ry Ye
T 1 1 T	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that the waste Generator's/Offeror's Printe 16. International Shipments Transporter signature (for e 17. Transporter Acknowledg	eror's CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name Import exports only): ment of Receipt of Mat Name	Il respects in proper or insignment conform to int identified in 40 CFR	endition for transport the terms of the att	t according to appli ached EPA Acknow a large quantity gen Sig	cable international a ledgment of Conse erator) or (b) (ifI ar nature	nd national gover nt. n a small quantity rt of entry/exit: _	nmental regulations.	pping name	, and are clas ipment and I a Mon	sified, packa im the Prima th Day h Day	ry
TINANSPORTER IN L	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that I certify that the waste Generator's/Offeror's Printe 16. International Shipments Transporter signature (for a 17. Transporter Acknowledg Transporter 1 Printed/Typed	eror's CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name Import exports only): ment of Receipt of Mat Name	Il respects in proper or insignment conform to int identified in 40 CFR	endition for transport the terms of the att	t according to appli ached EPA Acknow a large quantity gen Sig Export from t	cable international a ledgment of Conse erator) or (b) (if I ar nature	nd national governt. a a small quantity rt of entry/exit:e leaving U.S.:	nmental regulations.	pping namee	Mon	sified, packagement the Prima	Ye Ye Ye
1 T T T 1	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that the waste Generator's/Offeror's Printe 16. International Shipments Transporter signature (for e 17. Transporter Acknowledg Transporter 1 Printed/Typed Transporter 2 Printed/Typed 18. Discrepancy	eron's CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name Import exports only): ment of Receipt of Mat Name Name Space Qu	Il respects in proper or insignment conform to init identified in 40 CFR to U.S.	ondition for transpor the terms of the att. 2 262.27(a) (if I am a	t according to appli ached EPA Acknow a large quantity gen Sig Export from t	cable international a ledgment of Conse erator) or (b) (ifl ar nature J.S. Po Da	nd national governt. a a small quantity rt of entry/exit:e leaving U.S.:	nmental regulations.	pping name	Mon	th Day h Day h Day	Ye Ye
TOTAL	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that the waste Generator's/Offeror's Printe 16. International Shipments Transporter signature (for e 17. Transporter Acknowledg Transporter 1 Printed/Typed Transporter 2 Printed/Typed 18. Discrepancy 18a. Discrepancy Indication 18b. Alternate Facility (or Generation of the printed of t	eror's CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name Import exports only): ment of Receipt of Mai Name Space Qu enerator)	Il respects in proper consignment conform to init identified in 40 CFR to U.S. terials	ondition for transpor the terms of the att. 2 262.27(a) (if I am a	t according to appli ached EPA Acknow a large quantity gen Sig Export from t	cable international a ledgment of Conse erator) or (b) (ifl ar nature J.S. Po Da	nd national governt. a a small quantity rt of entry/exit:e leaving U.S.:	nmental regulations. generator) is true.	pping name	Moni	th Day h Day h Day Full Reject	Ye Ye Yetion
TOTAL	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that I certify that I certify that I the waste Generator's/Offeror's Printe 16. International Shipments Transporter signature (for e 17. Transporter Acknowledg Transporter 1 Printed/Typed Transporter 2 Printed/Typed 18. Discrepancy Indication 18b. Alternate Facility (or Generative Printed Printed Facility's Phone: 18c. Signature of Alternate I	eron's CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name Import exports only): ment of Receipt of Mai Name I Name Space Qu enerator)	Il respects in proper consignment conform to init identified in 40 CFR to U.S.	ndition for transpor the terms of the att. 2 262.27(a) (if I am a	t according to appli ached EPA Acknow a large quantity gen Sig Export from t	cable international a ledgment of Conse erator) or (b) (ifl ar nature J.S. Po Da nature Residu Manifest Re	nd national governt. a a small quantity rt of entry/exit:ee leaving U.S.:	nmental regulations. generator) is true.	pping name	Mon	th Day h Day Full Reject	Ye Ye
	15. GENERATOR'S/OFF marked and labeled/p Exporter, I certify that I certify that the waste Generator's/Offeror's Printe 16. International Shipments Transporter signature (for e 17. Transporter Acknowledg Transporter 1 Printed/Typec Transporter 2 Printed/Typec 18. Discrepancy 18a. Discrepancy Indication 18b. Alternate Facility (or Generative Printed	eron's CERTIFICAT lacarded, and are in al the contents of this co minimization stateme d/Typed Name Import exports only): ment of Receipt of Mai Name I Name Space Qu enerator)	Il respects in proper consignment conform to init identified in 40 CFR to U.S.	ndition for transpor the terms of the att. 2 262.27(a) (if I am a	t according to appli ached EPA Acknow a large quantity gen Sig Export from t	cable international a ledgment of Conse erator) or (b) (ifl ar nature J.S. Po Da nature Residu Manifest Re	nd national governt. a a small quantity rt of entry/exit:ee leaving U.S.:	nmental regulations. generator) is true.	pping name	Moni	th Day h Day h Day Full Reject	Ye Ye Ye Ye Ye Ye



TO:

WORLD RESOURCES COMPANY

ARIZONA RECYCLING FACILITY

...in partnership with the environment®

World Resources Company

LDRN LAND DISPOSAL RESTRICTION NOTICE

A copy of this Notice must be retained by the generator for at least three (3) years pursuant to U.S. EPA regulations, 40 CFR §268.7(a)(8). Moreover, the generator should check the hazardous-waste regulations of its own state, because if there is a state analogue to the federal regulation, it may require longer retention time, such as five (5) years. It should also be noted that the federal regulation (and, typically, a state analogue as well) requires the retention period to be extended in specified cases.

	West Sherman Street son, AZ 85353
FROM:	Alaskan Copper Works
	(Company Name)
	3200 Sixth Avenue Sout
	(Address)
	Seattle, WA 98124

(Phone

003760812 JJK

Date of Shipment: /2-7-08

This shipment of material is subject to the land disposal restrictions of 40 CFR Part 268. The applicable Land Disposal Restriction Information is provided in accordance with 40 CFR §268.7(a)(2) and is shown below:

EPA Material Number	Treatability Group	CFR Reference for Treatment Standards
F006	Non-wastewater	40 CFR §268.40
	8/	
	De	
	(Signature)	
	General A.	Thompson
	(Prin	ted Name)
	Eviles. Asst.	

PAF: rek/Facility Forms Manual/Transportation-072 AZF: AZF010//F18

Manifest Number:

Date: 5/16/2007, Revision: Ongina

(Title)

Copyright 2006 World Resources Company

Material Safety Data Sheet

MSDS ID # AZ-10-F

F006 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street

Tolleson, AZ 85353

Tel: (602) 233 9166 Fax: (623) 936 9164

November 2007 DLS

Call INFOTRAC only in the event of emergencies during shipping that

involve a spill, leak, fire or accident

(all calls are recorded)

For Emergencies During Shipping in the US or Canada, Day or Night,

Call: INFOTRAC 1.800.535.5053

Reference Company Name: "World Resources Company" Outside the United States Call Collect: 001-352-323-3500

Material Identification Section 1

EPA Waste Classification: F006 **DOT Shipping Name:**

RQ, Hazardous waste solid, n.o.s. (F006)

Generic Name:

Electroplating/Metal-Finishing Wastewater Treatment Sludge

DOT Hazard Class:

Chemical Family:

Metallic (Hydroxide) Precipitates

DOT Packing Group:

Synonym: Non-ferrous Metal Hydroxide Filter Cake **DOT Identification Number:**

NA 3077

9

Guide 171 of the North American Emergency Response Guidebook Applies

Section 2				Hazardous Ingredients
Ingredient:	CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):
Copper Hydroxide	20427-59-2	0 – 30	1.0 mg(Cu)/m ³ (Dust)	LD-50 1,000 mg/kg
Nickel Hydroxide	12054-48-7	0 – 15	1.0 mg(Ni)/m³ (Dust)	LD-50 1,500 mg/kg
Calcium Hydroxide	1305-62-0	0 – 15	5.0 mg/m ³ (Dust)	LD-50 7,340 mg/kg
Diatomite	61790-53-2	0 – 10	5.0 mg/m³ (Dust)	LD-50 Not Determined

Physical and Reactivity Data Section 3

Description:

Solid, Clay-like, Gray/Green

50 - 90 lbs/ft3 Density:

Boiling Point:

Above 2,600°C

to Brown, Moisture ~ 30 - 80%

Incompatible Reactivity:

None Known

Above 1,800°C

Specific Gravity:

2.5 to 3.5

Vapor Pressure:

Insignificant

Melting Point: pH: 7.0 to 10.0

Odor: Nil

Solubility: Insoluble in Water

Stability:

Avoid Contact with Acids

Polymerization:

Will Not Occur

Section 4 Flashpoint:

Nonflammable

Oxidation: Explosive: Non-oxidizing Non-explosive

NFPA

Fire and Explosion Data

Special Firefighting Procedures: None Decomposition (Due to Fire or Explosion):

None

Fire Diamond

Section 5 **Listed Carcinogen Components:**

Nickel

Toxicology:

See Sec. 2

Route of Entry:

Inhalation, Ingestion

Toxicity

Section 6

Storage:

Health Effects and First Aid

Inhalation: Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms. Ingestion:

Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician. Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician. Eves:

Skin: Dust may irritate skin with prolonged contact. Wash with soap and water.

Comments: Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and

metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body

systems - blood, digestive, respiratory, liver, kidneys and skin.

Section 7 **Precautions for Safe Handling**

Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used Handling:

by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.

Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid

inhalation or ingestion. Store in a dry area under cover to protect from rain.

Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to Spills:

World Resources Company at the above address.

Control Measures Section 8

Respiratory Protection: NIOSH-MSHA approved respirators as required. Eve Protection: Other Protective Equipment:

Hand Protection:

Safety glasses recommended.

Coveralls are recommended, but not required. Gloves recommended.

Section 9 Generator's Verification OO3760812 This MSDS describes the material listed in the attached Manifest #: Company Name: Alaskan Copper Works Company Address: 3200 Sixth Avenue South, Seattle, WA 98124 Telephone: 206-382-8379 12-2-08 Signature:



GENERAL INTERNAL PURCHASE REQUISITION

ITEM NO.	ACCT. NO.	QUAN- TITY	UNIT	DESCRIPTION & PART NUMBERS	UNIT PRICE	TOTAL LINE ITEM PRICE
1	6-686	1	Cat	Reade of Fool	65092	7. 7. 5. 7. 3. 4. 7. 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
		***		Studge		
		<u></u>		(F)	18.7	
					N.	
	JANES S					
					N 44	
		·	4.5		8 .	1.44
	A A					
			4.3.25		No. a	\$ 1.75 k k
	ş 1.					
	·				17.7	
	1 2 2	12.7	2 2 4 5 5			
			7 N. 4.			
¥ 1.	Į N		,			
		i na ka				
		N. 13	٧.			
	1	- 1	5			1, 17, 19
REQUI	ESTED BY			DATE APPROVED BY	DATE	grants.
TO VI	HERE FOR RET	URN OF YEL	LOW COP	Y TO BE FILLED IN BY PURCHASING DEPT.		
PURPO	OSE OR USE	<u> </u>	ydi	P.O. NUMBER	224	
DELIV	ERY NEEDED E	sy ./2-	2-0	VERNOR!		304
	O ADDRESS	658	道 >	HANGE ST CONTACT TELEPI NO.	HONE	
VEND	ESTED OR Rev. 7/96)or(G)	Ste	DELIVERY PROMISED SHIP VI	A	
	nev. //90					

	40,000,000	40000		(New Y		`
) A				N	1
1) A	LA	I)	\A	LTI.	
1.00						/

GENERAL INTERNAL PURCHASE REQUISITION

ITEM NO.	ACCT. NO.	QUAN- TITY	UNIT		TION & PART NUMBERS	UN PR	IIT CE	TOTAL LINE ITEM PRICE
7	6-686	1	COT	Recycle	of F006	652	\ \	
0.00				Keaycle 51	edse :			
				\subseteq	2			
			L. And Ship					
							He see	
	A							
	41							
	45							
REQUI	ESTED BY	7.JE	Carrie	DATE /2-2-08-	APPROVED BY		DATE	-2-08
	HERE FOR RE	TURN OF YEL		Y	TO BE FILLED IN BY PURCHASI P.O. NUMBER	NG DEPT. /a/ スさ	24	
	ERY NEEDED	17.	70	7	VENDOR WORLD	IKE40	nerl	324
SHIPT	O ADDRESS	628	38 5	HA But 57	CONTACT	TELEPHONE NO.		**************************************
SUGGI		Daill !		sources	DELIVERY PROMISED	SHIP VIA		